

1. (Amended) A magnetic circuit for a rotating apparatus having a parallel structure or a skew structure of magnet pole pieces of magnets or armatures with respect to a shaft, comprising:

a rotating shaft;

B1 a plurality of supporters fixedly mounted in a perpendicular direction to the circumference of the rotating shaft;

a rotor having a plurality of magnets rotated by attraction force and repulsion force of a magnetic field, each magnet having a magnet pole piece being arranged in parallel with respect to the shaft and located on an end of one of the plurality of supporters; and

a plurality of armatures (stators) each having a coil, each coil being mounted at an interval outside the rotors and receiving induced magnetic flux of the rotors, and said magnet pole pieces being arranged in parallel or in skew with the rotating shaft.

B2 3. (Amended) The magnetic circuit for a rotating apparatus as claimed in claim 1, wherein the armatures have the parallel structure or the skew structure of magnet pole pieces of magnets or armatures with respect to the shaft, and the magnets or armatures are C-shaped.

5. (Amended) The magnetic circuit for a rotating apparatus of claim 1 wherein the magnet pole pieces of the magnet or the armatures having the parallel structure or the skew structure with respect to the shaft and the rotors being rotated by